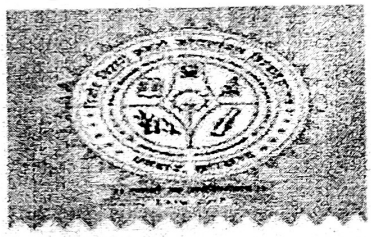
A SYNOPSIS FOR Ph.D. DEGREE

Emotional Intelligence in Relation with Adjustment and Achievement:A Comparative Study of Tribal and Non-Tribal Students of Dhanbad District.



A Synopsis submitted for the award of Ph.D.degree in the Department of Psychology(Faculty of social science),Binod Bihari Mahto Koyalanchal University,Dhanbad(Jharkhand)

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Title - Emotional Intelligence in Relation with Adjustment and Achievement: A Comparative Study of Tribal and Non-Tribal Students of Dhanbad District.

1. Introduction:

Intelligence is a common term that we use a lot in our day-to-day Conversation. It is used as a language for fast learning, Understanding, Good memory and Logical thinking.In Psychology the word Intelligence is used in a specific sense which basically can be divided into the following parts:

The ability to adjust with the environment.

The ability to learn.

The ability to think.

It is generally believed that the success of a person is based on their Intelligence or IQ but Intelligence has minor role in achieving the success while Emotional Intelligence plays a pivotal role. Emotional Intelligence is a type of Social Intelligence through which a person manages his own and other's emotions.

The Proposed research is to measure Emotional Intelligence of Tribal and Non-Tribal students of Dhanbad District as well as what Influences the Emotional Intelligence on Academic Achievement and Adjustmentlevel. The proposed research will play a pivotal role in Educational guidance and Carrier guidance to the students, Parents and Teachers.

Primary Data will be used to measure the Emotional Intelligence, Academic Score and Achievement level by the help of Standardized test whereas Stratified Random Sampling will be used in collection of data.

Following Components will be incorporated in the study.

a) What is the Influence of Emotional Intelligence in Tribal and Non-Tribal Students?
b) Is there any Relationship among Emotional Intelligence, Academic Achievement and Adjustment?
c) Does Emotional Intelligence, Academic Achievement and Adjustment level of Tribal and Non-Tribal Students are affected by Surroundings.

In this study collected data will be analyzed with the help of appropriate Statistical tools and tests in order draw conclusions on the proposed hypothesis and research questions.

1.1 Intelligence

Intelligence is a most important trait of human being. Intelligence is a hereditary gift which every human possesses. Due to intelligence human beings have made a lot of development.

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According to Wechsler(1939)[1] "Intelligence is the aggregate or global capacity of the individual to act purposefully, to think rationally, and to deal effectively with his environment."

1.2 Emotional Intelligence:

The Term Emotional Intelligence was given in (1990)[2] by Peter Salovey ,Yale psychologist and John Mayer of the University of Hamshire. After this the term Emotional Intelligence appeared in a series of academic articles authored by John D.Mayer& Peter Salovey.Their first article depicted the first model of Emotional Intelligence.

The Term Emotional Intelligence came into the main stream only after Daniel Goleman with his published book named "Emotional Intelligence". It was Daniel Goleman only who made this concept popular. He in his book states that IQ contributes only about 20 percent to success in life and other forces contribute the rest. He states that IQ alone is no more the one and only measure for success. Emotional intelligence, social intelligence and luck also contributes significantly in the person's success and adjustment. The concept has its origins in the concept of Social Intelligence.

According to Daniel Goleman in(1998)[3]: -- "Emotional Intelligence is defined as the capacity for recognizing our own feeling and those of other, for motivating ourselves and for managing emotions well in ourselves and in our relationships. Emotional Intelligence describes abilities distinct from but complimentary to academic intelligence or the purely cognitive capacities measured by IQ"

1.3 Adjustment:

In our day to day life we need the adjustment for living a stress freelife,this adjustment may be any where. for example –in the family,in the society,in the peer group,in the job etc.

This is extremelly necessary for the survival of an individual is to adjust.

The Process of adjustment start right from the birth of the child and continues till his death. The idea of adjustment is old as human race on earth. Systematic emergence of this concept dates back to Darwin. In those days the concept was solely Biological and he used the term adaptation.

Man as a social animal not only adjusts to physical demand but also to social pressures in the society. Biologists incorporated the term adaptation strictly for physical demands of the environment but Psychologist used the term adjustment for varying condition of social or inter personal relations in the society. Thus we see that adjustment means response to the demand and pressure of social environment forced upon the individual. The demand may be external or internal to whom the individual has to react.

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1.4 Academic Achievement:

Education is a one of the positive, vital and constructive aspect of our life. Good and focused education lays the foundation of a better and successful future. Educated people are the assets to a nation. It is the major investment in human capital. It plays a crucial role in long term productivity and growth at both micro and macro level. Thus, for an educated society grooming of children at school level is an essential aspect.

The main concern of educational psychology and educational research in any country is to enhance academic achievement/performance of students which can be defined as total score achieved by a student in a particular subject. It can be explained in regard to the achievement of short term or long term goals and can be shown through Cumulative Grade Point Average.

Academic achievement is the level or ability of the student to apply what he has learned according to Pressey and Robinson,(1944)[4]

1.5 Tribal Community:

Tribal is a group or Community with similar Ancestors, Customs and tradition.A tribe is also agreed as a political organizational term that denotes to a group of people who share territory, language, cultural history, and usually some form of kinship.Santhals are the most important ST in the district of Dhanbad. The population of santhals is 182173 and constituting as much as 77.2 percent of the scheduled tribes population. Bhumij Tribe, Birhor Tribe,,MurmuTribe,hansda,SorenTribe,MarandiTribe,Tudu Tribe and Besra Tribe are the most important Tribes of Dhanbad district.

1.6 Non-Tribal Community:

Those Communities who are not related to, originating from, or involving a tribe or tribes. Such as General caste, other backward caste & scheduled caste. The SC population is 15.5 percent of the total population. Broadly speaking those who are not included in the category of Tribes will be considered as Non-Tribe.

2. State of-the-art:

Fannian Barbara Ellen (2002)[5] did a study titled "The contribution of emotional intelligence to academic achievement and Production". He in his study found that Emotional Intelligence is significantly correlated with grade point on average and achievement test scores. The study also concluded that Intelligence has a low to moderate correlation with analytic Intelligence.

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Abdullah ,Maria Chong et al (2004)[6] in their study titled " Emotional Intelligence and academic achievement among Malaysian secondary students" finds that there is a linear negative relationship between students level of emotional intelligence and their level of negative affect towards specific school tasks. The study also concluded that there is a linear relationship between emotional intelligence and academic achievement.

Gakhar S.C. and Manhas K.D. (2005)[7] in one of the studies on " Cognitive correlation of emotional intelligence of adolescents" find that there is a significant and positive correlation between emotional intelligence and all cognitive variables like Intelligence, Creativity and academic achievement. They also found that there is no significant difference in emotional intelligence of boys and girls.

Szuberla AL (2006)[8] conducted a study on "Emotional Intelligence and School Success". The study concluded that there is a significant relationship between perceiving emotions and any of Terra Nova Composite.

Darshana M.(2007)[9] in her study find that Boys and Girls differs considerably in their intelligence and emotional understanding. Boys outperform girls in emotional intelligence and emotional understanding. However Boys and Girls show no significant difference in emotional perception, emotional intelligence and emotional understandings.

Rode Joseph C. Mooney and etal (2007)[10] studied the "Emotional intelligence and Individual Performance" and in this study it was found that the effects of emotional intelligence on performance are more indirect than direct in nature. They concluded that Individuals must not only have emotional intelligence but must also be motivated to use it.

RuksanaNasar and ZeenatNasar (2008)[11] in one of their study titled " Emotional Intelligence and creativity" find that there is presence of higher emotional intelligence in the adolescent girl students when compared to the boys. The study also concluded that the male college student scores on emotional intelligence scale were positively correlated with creativity.

Srivedi K.V. and Lisha Praveen (2008)[12] in one of the studies on Emotional Intelligence find that there exists a positive relationship among emotional intelligence, adjustment self concept and achievement of higher secondary students. The study also concluded that female students have higher emotional intelligence than the male students and there is no significant difference in emotional intelligence of higher secondary students with respect to the type of college in which they are studying.

Rajendra K. and ArunMozhi A. (2008)[13] in one of the studies of emotional intelligence entitled "Emotional Intelligence of Self-help Group Members" states that there is no significant difference in the emotional intelligence based on their age, marital status. Type of family, community and family status.

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Chopra Vanita (2009)[14] in one of the studies about emotional Intelligence reciprocates that through emotional intelligence both the teachers and students get benefitted in the use, control and managing of their emotions.

Mahajan Monica (2011)[15] in her research study finds that there exists a positive and significant relationship between academic achievement and emotional intelligence of boys and girls.

Chamundeshwar S. (2013)[16] in one of the research work on Emotional Intelligence finds that there exists a significant correlation between emotional intelligence and academic achievement of secondary school students.

Sharma M.K. (2014)[17] in one of the studies on emotional intelligence finds that there was a significant difference in academic performance of male and female senior secondary school students having high and low emotional intelligence.

Bakshi A. and Gupta K. (2016)[18] did a study on emotional intelligence entitled "Emotional Intelligence in Relation to Academic Achievement of Secondary School Students". The study found that there were no significant differences in emotional Intelligence of Male and Female Secondary School Students. The study also found that Emotional Intelligence was positively related to academic achievement of secondary school students.

Nadeem N.A. and Ahmad I. (2016)[19] in their study on Emotional Intelligence finds that Male students outperformed the female students in all five dimensions of Emotional Intelligence.

3. Problem to be Investigated:

The proposed Research work will measure the Emotional Intelligence of Tribal and Non-Tribal students of Dhanbad District and will also Compare the Influence of Emotional Intelligence on Academic Achievement and Adjustment level.

Emotional Intelligence is a part of Social Intelligence to understand one's own and other's emotion and manage emotion in relations. The proposed research work will find out what is the role of emotional intelligence in Adjustment and Achievement which are the prime goal of people.

4. Research GAP:

There has been a little amount of research work done in the field of Emotional Intelligence with Adjustment and Academic Achievement among Tribal and Non-Tribal students. The literature review highlights the research gap in the area of Emotional intelligence, Adjustment and academic achievement of tribal and non-tribal students in Dhanbad district and signify the need

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of the student to be taken in relation to the variable which has been selected for the proposed study.

5. AIM of the study:

To test the Emotional Intelligence of Tribal and Non-Tribal Students and to find its relationship with Academic Achievement and Adjustment level.

6. Objectives of the study:

1. To study the Emotional intelligence of Tribal and Non-Tribal student in Dhanbad District.
2. To study the Academic Achievement level of Tribal and Non-Tribal student in Dhanbad District.
3. To study the Adjustment level of Tribal and Non-Tribal student in Dhanbad District.
4. To find out the correlation between Emotional intelligence and academic achievement of Tribal and Non-Tribal student in Dhanbad District.
5. To find out the correlation between Emotional intelligence and Adjustment level of Tribal and Non-Tribal student in Dhanbad District.
6. To study the relationship among Emotional intelligence, Adjustment and Academic achievement between Tribal and Non-Tribal students in Dhanbad District.
7. To find out the impact of Socio-Demographic conditions on Emotional intelligence, Adjustment and Academic achievement between Tribal and Non-Tribal students in Dhanbad District.

7. Research Questions:

1. What is the influence of Emotional intelligence in Tribal and Non-Tribal students?
2. What is the role of Academic achievement in Tribal and Non-Tribal students?
3. What is the difference between the attribute of Adjustment in Tribal and Non-Tribal students?
4. What are the relationship between Emotional Intelligence and Academic achievement of Tribal and Non-Tribal students?
5. What are the relationship between Emotional Intelligence and Adjustment of Tribal and Non-Tribal students?
6. What are the relationship among Emotional Intelligence, Adjustment and Academic Achievement?
7. What are the impacts of Socio-Demographic conditions on Emotional Intelligence, Adjustment and Academic achievement?

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8. Hypotheses:

1) There would be significant difference in Emotional Intelligence of Tribal and Non-Tribal students.
2) There would be significant difference in Academic Achievement level of Tribal and Non-Tribal students.
3) There would be significant difference in Adjustment level of Tribal and Non-Tribal student.
4) There would be significant relationship between Emotional Intelligence and Academic Achievement of Tribaland Non-Tribal students.
5) There would be significant relationship between Emotional Intelligence and Adjustment level of Tribal and Non-Tribalstudents.
6) There would be significant relationship among Emotional Intelligence, Academic Achievement level and Adjustment level of Tribal and Non-Tribal students.
7) There would be significant impact of Socio-Demographic conditions on Emotional Intelligence, Academic Achievement and Adjustment level.

9. Research Methodology:

9.1 Sample: -

Stratified Random Sampling will be used in collection of data. Age and Gender will two strata. The Sample of proposed study will be consisting of320 school students in which 160 subjects will be Tribal students and 160 will be Non-tribal students. The age of samples will be grouped in two, one group will be in the range of 12-14 and another will be in the range of 15-16 years. Each group will consist of 40 boys and 40 girls. The same will be selected from School students of Dhanbad District School will be selected randomly from Dhanbad District for the proposed study.

Strata 1: Gender	Strata 2: Age
Male	12-14 Years
Female	15-16 Years

The following shows description of sample.

	Male	Female	Male	Female	
	12-14 years	12-14 years	15-16 years	15-16 years	Total
Tribal	40	40	40	40	160
Non-Tribal	40	40	40	40	160
Total	80	80	80	80	320

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The sample will be selected on the basis of following inclusion and exclusion.

Inclusion Criteria:

- Government and Private School students of Rural and semi urban back ground.
- Children of either sex in the range of 12-16 years.
- Children who will be gave consent to participant in a study.

Exclusion Criteria:

- Children with defective vision and hearing.
- Recent history of major physical illness.
- History of psychiatric disorder.

9.2 Research Design:-

2X2X2 Factorial Design

	Male	Female	Male	Female
	12-14 years(B1)	12-14 years(C1)	15-16 years(B2)	15-16 years(C2)
Tribal (A1)	A1B1	A1C1	A1B2	A1C2
Non-Tribal (A2)	A2B1	A2C1	A2B2	A2C2

9.3 Tool for Data Collection:

- Emotional Intelligence scale.
  This test was developed by Dr.Arun Kumar singh and Dr.Shruti Narain(2013)[20].It measures the following four dimensions which are Understanding Emotion, Understanding Motivation, Empathy and Handling Relations. There are 31 items in this test. The proposed research study will use Emotional Intelligence scale to get raw score with the help of a key-score.

- General Class Room Achievement Test.
  Test of Academic Achievement. This test was constructed and standardized by A.K.Singh and A.Sen Gupta(2005)[21].It measure the general achievement in English, Science and Social Science subject. There are 77item in this test .The proposed Research Study will use General Class Room Achievement test to obtain raw scores with the help of a key-score.

- Hindi Adaptation of Bell's Adjustment Inventory.
  The Hindi version of this test was developed by Mohsin Shamshad(2012)[22].The Inventory measures adjustment in the areas of Home, Health,Social and emotional. There

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are 35 items in each areas and the total no.of item were 140. In Hindi Adaptation of Bell's
Adjustment Inventory retained 135 items .The Proposed Research Study will use Hindi Adaptation of Bell's Adjustment Inventory test to obtain raw score with the help of key score.

9.4 Plan of Analysis:

The data will analyzed by using following appropriate statistical tool.

- Descriptive statistical analysis for central tendency: Mean
- The Standard Deviation will be used for spread out from the average (mean).
- The ANOVA will be used for determining the significance of mean difference between subgroup.
- The computing of co-efficient of correlation between the group.
- The data will also be presented graphically where it will be needed.

10.Need of the study:

The proposed research is to compare and find the correlation of the various aspects of Emotional Intelligence with Adjustment and their Academic Achievement. School is an important part of life. Academic Success in school is related to self-pride and social prestige. Academic achievement at each grade which reflects the formal accomplishment an important milestone.

The proposed research will try to find out different Emotional intelligence, Adjustmentand academic achievement level of tribal and Non tribal children. The proposed research will provide educational guidance and carrier guidance to student, parents and teachers.

The proposed research will help students in many ways like.

1. Guidance and Counseling: - The proposed research works will Provide Emotional Intelligence Score. As per this Score Teaching method and Technique will be selected.

2. Education: - According to performance the Score will be given to appropriate method of teaching.

3. Performance Enhancement: -According to this score Emotional Intelligence guidance can be given.

4. Research: -Emotional Intelligence Score will be useful for further Research.

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11. Significance of the Study:

Proposed study is aimed to investigate the Emotional intelligence, Adjustment & Achievement level in Tribal and Non-tribal school student. Emotional Intelligence is a positive attribute and found to be very significant for adolescent. This research studyfocuses to see the different level of Emotional Intelligence and correlation with the academic achievement and Adjustment level with respect to gender, adolescent and ethnicity in DhanbadDistrict. Especially in the eastern zone of countries, there is completely dearth of studies in Emotional intelligence, Adjustment and their academic achievement for Tribal and Non-tribal. This will open new area for researcher. There is need to explore because Emotional intelligence is one of the important factor of behavior for the society.

Hence it is expected that the present problem will be of high significance in the area of research.

12. Contribution to the existing Knowledge:

- The Research will contribute the existing knowledge by determining Emotional intelligence of Tribal and Non-Tribal student.
- The Score of Emotional intelligence test is used as predictor of student Adjustment and their academic achievement in schoolwork performance, work achievement.

13. Research Limitations:

Due to limited number of samples the results of Proposed research might not be replicable in other districts. Results may not be generalized for other districts due to other constraints like Geography, Time-Period, and Human Resources.

14. Future work:

Based on this proposed research a lot of works can be done. There are many district where tribals are in large number, Conclusions drawn from this proposed work can be implied upon tribal students to increases their Adjustment level.Govt. can propose norms to increases the Academic Achievement of tribal students through policy making.

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15. Tentative Chapterisation:

Chapter I	-	Introduction
Chapter II	-	Review of literature
Chapter III	-	Methodology

a. Sample and sampling
b. Research design
c. Research tools
d. Statistical methods

Chapter IV	-	Result, Analysis and discussion
Chapter V	-	Summary and Conclusion
Chapter VI	-	Research Limitation
Chapter VII	-	Suggestion for the future work

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